

Credit Name: CSE 2140 2nd Language Programming

Assignment Name: Election Mastery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

Error 1:

The first and only error I encountered while coding this Mastery project was during the output of the vote percentage.

```
Console X
<terminated> ElectionMastery [Java Application] C:\Program File
727838/
Martinez:
8349278
\Candidate      Votes      Percentage
Awbrey          13798070    0.44%
Martinez        17678825    0.56%
TOTAL VOTES:    31476895
```

The values were smaller than 1 percent, and it made me realize that If I multiplied the values by 100 I would get the accurate percentage values.

I went into the code and found the mistake, I forgot to multiply the calculated values by 100 to get a proper percentage:

```
// calculate the percentage of votes casted for each person:
double AwbreyT = (Double.valueOf(Awbrey) / Double.valueOf(totalvote));

double MartinezT = (Double.valueOf(Martinez) / Double.valueOf(totalvote));
```

FIX:

I multiplied the values both by 100:

```
// calculate the percentage of votes casted for each person:
double AwbreyT = (Double.valueOf(Awbrey) / Double.valueOf(totalvote))*100;

double MartinezT = (Double.valueOf(Martinez) / Double.valueOf(totalvote))*100;
```

This fixed the output percentages:

```
Console X
<terminated> ElectionMastery [Java Application] C:\Pr
Martinez:
37287989
Candidate      Votes      Percentage
Awbrey          46456254    36.7%
Martinez        80130018    63.3%
TOTAL VOTES:    126586272
```